· (T	T =		I
L Number	Hits		DB	Time stamp
2 `	1	235/\$.ccls. and card same magnetic with	USPAT;	2004/09/07 13:45
		(protect\$4) with (coat\$4 or film or layer)	US-PGPUB;	
*		same friction	EPO; JPO	
1 \	76	235/\$.ccls. and card same magnetic with	USPAT;	2004/09/07 13:46
		(protect\$4) with (coat\$4 or film or layer)	US-PGPUB;	
1		(1111)	EPO; JPO	i
3	1	235/\$.ccls. and card same magnetic with	USPAT;	2004/09/07 13:49
-	_	(protect\$4) with (coat\$4 or film or layer)	US-PGPUB;	2004/05/07 15:45
		with (perme\$8 or saturat\$8)	EPO; JPO	1
4	11	235/\$.ccls. and card same magnetic with	· ·	2004/00/07 13:53
"	1		USPAT;	2004/09/07 13:53
		(isotropic or anisotropic or platinum)	US-PGPUB;	
1_			EPO; JPO	
5	11	,	USPAT;	2004/09/07 13:55
		platinum)	US-PGPUB;	
			EPO; JPO	
6	9	(card same magnetic with (isotropic or	USPAT;	2004/09/07 13:53
		platinum)) not (235/\$.ccls. and card same	US-PGPUB;	
		magnetic with (isotropic or anisotropic or	EPO; JPO	
1	ļ.	platinum))		
7	27	card same magnetic same (isotropic\$4 or	USPAT;	2004/09/07 13:59
		platinum)	US-PGPUB;	2001, 05, 07 20105
	1		EPO; JPO	1
8	2052	magnetic with platinum	USPAT;	2004/09/07 14:00
~	2032	magnette with pratinum	US-PGPUB;	2004/09/0/ 14:00
9	2108	magnetice4 with misting	EPO; JPO	2004/00/07 1: 55
] =	2108	magnetic\$4 with platinum	USPAT;	2004/09/07 14:00
			US-PGPUB;	
	_		EPO; JPO	
10	1	magnetic\$4 with platinum with alloy same	USPAT;	2004/09/07 14:01
		card	US-PGPUB;	
			EPO; JPO	
11	23	magnetic\$4 with (platinum or alloy) same	USPAT;	2004/09/07 14:07
		card same read\$4	US-PGPUB;	
		·	EPO; JPO	1
12	. 2	235/\$.ccls. and magnetic same card same	USPAT;	2004/09/07 14:13
	_	(friction with (layer or coating))	US-PGPUB;	2004/03/07 14:13
		(1111011011 William (1114)01 Of Coucing),	EPO; JPO	
13	16	magnetic\$4 same card same (friction with		2004/09/07 14:19
1-5	10		USPAT;	2004/09/07 14:19
		(layer or coating))	US-PGPUB;	
1.4		l	EPO; JPO	
14	53	magnetic\$4 same card same (permeable)	USPAT;	2004/09/07 14:20
	1		US-PGPUB;	
1			EPO; JPO	
15	3	magnetic\$4 same card same (permeable) same	USPAT;	2004/09/07 14:22
		satur\$4	US-PGPUB;	
			EPO; JPO	
16	100	(magnetic\$4 with permeable) and (magnetic	USPAT;	2004/09/07 14:23
		with saturable)	US-PGPUB;	
			EPO; JPO	
17	0	(magnetic\$4 with permeable) and (magnetic	USPAT;	2004/09/07 14:23
		with saturable) and card	US-PGPUB;	
		· · · · · · · · · · · · · · · · · · ·	EPO; JPO]
18	100	(magnetic\$4 with permeable) and (magnetic	USPAT;	2004/09/07 14:28
		with saturable)	1	2004/03/0/ 14:20
		with Saturable;	US-PGPUB;	
19	6	(magnotice) with name ablah and the	EPO; JPO	0004/00/07 11 15
1 2 2	ا ٥	(magnetic\$4 with permeable) and (magnetic	USPAT;	2004/09/07 14:41
		with saturable) and (card or carrier)	US-PGPUB;	j l
		005//400 405 455 555	EPO; JPO	
20	268232	235/(492, 487, 493, 451, 454, "435").ccls.	USPAT;	2004/09/07 14:41
			US-PGPUB;	
			EPO; JPO	
21	7427	235/492.ccls. 235/487.ccls. 235/493.ccls.	USPAT;	2004/09/07 14:41
		235/451.ccls. 235/454.ccls. 235/435.ccls.	US-PGPUB;	
]		EPO; JPO	
22	1779	(235/492.ccls. 235/487.ccls. 235/493.ccls.	USPAT;	2004/09/07 14:42
	-	235/451.ccls. 235/454.ccls. 235/435.ccls.)	US-PGPUB;	,,
		and card same magnetic\$4	EPO; JPO	j i
23	1	(235/492.ccls. 235/487.ccls. 235/493.ccls.	USPAT;	2004/09/03 14-40
~~		235/451.ccls. 235/454.ccls. 235/435.ccls.)		2004/09/07 14:42
	 		US-PGPUB;	
1		and card same magnetic\$4 same satur\$4 same	EPO; JPO	
L		permeab\$4	L	

1 1 1 1 1 1 1 1 1 1					
1 1 1 1 1 1 1 1 1 1	-	70	turnstile with card with read\$4	USPAT;	2004/08/30 17:07
1 \$174562.pn. USPAT; USPATS USP	1			US-PGPUB;	
US-PGPUB; EPO; JPO USPAT; USPAGD; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAGD; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAGD; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAGD; USPAT; USPAT; USPAT; USPAT; USPAT; USPAGD; USPAT; USPAGD; USPAT; USPAGD; USP				EPO; JPO	
EFO, JPO USPAT;	-	1	5174562.pn.	USPAT;	2004/08/30 17:13
- 1 5135212.pn.				US-PGPUB;	
1				EPO; JPO	
## 4602332.pn. 1	-	1	5135212.pn.	USPAT;	2004/08/30 17:15
1	1			US-PGPUB;	
1				EPO; JPO	
1	-	1	4602332.pn.	USPAT;	2004/08/30 17:16
1				US-PGPUB;	
- 0 4602332.pn. and recycl94				EPO; JPO	
- 0 4602332.pn. and recycl94 - 0 4602332.pn. and "38" - 1 4602332.pn. and recycl94 - 2 6000555.pn. 5555983.pn 2 6000555.pn. 5555983.pn 3 60 235/8.ccls. and card with (memory or chip or IC or "integrated circuit") with remov94 recommendation or storage) with remov94 same (sax94 or stor54) - 271 235/8.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov94 same (sax94 or stor54) - 271 235/8.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov94 same (sax94 or stor54) - 1 14 235/8.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov94 with (sav94 or stor54) - 1 14 235/8.ccls. and (scan84 or read94) same (spin84) same (mirror or reflect\$4) same (spin84) same (mirror or reflect\$4) same (spin84) same (mirror or reflect\$4) same (spin84) sam	-	1		EPO	2004/08/30 17:16
- 0 4602332.pn. and "38"	-	-		EPO	2004/08/31 11:32
- 1 4602332.pn. and recycl\$4 USPAT; US-PGPUB; EPG; JPO USPAT;	-			1	1
- 2 6000555.pn. 5555983.pn. US-PGPUB; EPG; JPO USPAR; USPAP;	-			EPO	
- 2 6000555.pn. 5555983.pn.	-	1	4602332.pn. and recycl\$4	1	2004/08/31 13:16
- 2 6000555.pn. 5555983.pn. US-PGPUB; EPO; JPO 1 235/s.ccls. and card with (memory or chip or IC or "integrated circuit") with remov\$4 235/s.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 same (sav\$4 or stor\$4) 235/s.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) 235/s.ccls. and (scan\$4 or read\$4) same (spin\$4) same (mirror or reflect\$4) same (spin\$4) same (spin\$40.ccls. 235/462.01.ccls. 235/462.36.ccls. 235/462.30 235/462.36.ccls. 235/462.36.ccls. 235/462.30 235/462.30 235/462.35.ccls. 235/462.36.ccls. 235/462.30 235/462.30 235/462.30 235/462.30 235/462.36.ccls. 235/462.30 235/462.36.ccls. 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.36.ccls. 235/462.30 235/4				1	
- 691 235/8.ccls. and card with (memory or chip or IC or "integrated circuit") with remov\$4 235/8.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 same (sav\$4 or stor\$4) 221 231/8.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) 0					
- 691 235/8.ccls. and card with (memory or chip or IC or "integrated circuit") with remov\$4 - 360 235/8.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 same (sav\$4 or stor\$4) 235/8.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) - 211 235/8.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) - 14 235/8.ccls. and (scan\$4 or read\$4) same (spin\$4) same (mirror or reflect\$4) same (spin\$4) same (mirror or reflect\$4) same (spin\$4) same (mirror or reflect\$4) same (sor\$6.235/462.36.ccls 235/462.40.ccls. 235/462.01.ccls. 235/462.36.ccls. 20 (235/462.36.ccls. 215/462.36.ccls. 225/462.36.ccls. 235/462.36.ccls. 20 (235/462.36.ccls. 215/462.36.ccls. 215/462.36.ccls. 225/462.36.ccls. 235/462.36.ccls. 235/462.36.ccls. 245/462.36.ccls. 255/462.36.ccls. 255	-	2	6000555.pn. 5555983.pn.		2004/08/31 13:16
- 691 235/8.ccls. and card with (memory or chip or IC or "integrated circuit") with USPAPT; 2004/08/31 17:11 0cr IC or "integrated circuit" or storage) with remov\$4 and (sav\$4 or stor\$4) USPAPT; 271 235/\$.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) EPO; JPO USPAPT; US-PGPUB; with remov\$4 with (sav\$4 or stor\$4) USPAPT; US-PGPUB; with remov\$4 with (sav\$4 or stor\$4) USPAPT; US-PGPUB; EPO; JPO or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) USPAPT; US-PGPUB; USPAPT; US-		1] .
Or IC or "integrated circuit") with remov\$4 235/\$c.cls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 same (sav\$4 or stor\$4) EPO; JPO USPAT; US-PGPUB; with remov\$4 with (sav\$4 or stor\$4) EPO; JPO USPAT; US-PGPUB; with remov\$4 with (sav\$4 or stor\$4) EPO; JPO USPAT; US-PGPUB; with remov\$4 with (sav\$4 or stor\$4) EPO; JPO USPAT; US-PGPUB; with remov\$4 with (sav\$4 or stor\$4) EPO; JPO USPAT; US-PGPUB; with remov\$4 with (sav\$4 or stor\$4) EPO; JPO USPAT; US-PGPUB; with remov\$4 with (sav\$4 or stor\$4) Same (spin\$4) same (mirror or reflect\$4) same (spin\$4) same (mirror or reflect\$4) same (spin\$4) same (mirror or reflect\$4) same (spin\$4] same (mirror or reflect\$4) same (spin\$4] same (spin\$4] same (spin\$4] same (spin\$4] same (spin\$4] same (spin\$4] same (mirror or reflect\$4] same (spin\$4] same (spin\$	1	1			
remov\$4 235/\$.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 same (sav\$4 or stor\$4) US-PGPUB; EPO; JPO or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) US-PGPUB; EPO; JPO or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) US-PGPUB; EPO; JPO or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) US-PGPUB; EPO; JPO or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) US-PGPUB; US-PGPUB; (start or initial reference or start\$4) US-PGPUB; (start or initial reference or start\$4) US-PGPUB; (start or initial reference or start\$4) US-PGPUB; EPO; JPO or IC	-	691		1	2004/08/31 17:11
- 360 235/\$.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 same (sav\$4 or stor\$4) - 271 235/\$.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) - 14 235/\$.ccls. and (scan\$4 or read\$4) same (spin\$4) same (sar\$4 or initial reference or star\$4)				1	1
Or IC or "integrated circuit" or storage) US-PGPUB; with remov\$4 same (sav\$4 or stor\$4) USPAT; USPAT; USPAT; US-PGPUB; EPO; JPO USPAT; USPAT; USPAT; US-PGPUB; EPO; JPO USPAT;					
With remov\$4 same (sav\$4 or stor\$4)	-	360	235/\$.ccls. and card with (memory or chip	1	2004/08/31 17:15
- 271 235/\$.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) - 14 235/\$.ccls. and (scan\$4 or read\$4) same (spin\$4) same (intro or reflect\$4) same (start or initial reference or start\$4) near4 (position or orientation or setting or location) - 235/462.40.ccls. 235/462.01.ccls. 235/462.30 235/462.38.ccls. 235/462.30 235/462.38.ccls. 235/462.30 235/462.38.ccls. 235/462.30 235/462.38.ccls. 235/462.30 235/462.38.ccls. 235/462.30 235/462.38.ccls. 235/462.01.ccls. 235/462.38.ccls. 255/462.30 235/462.38.ccls. 235/462.30 235/462.38.ccls. 235/462.01.ccls. 235/462.38.ccls. 255/462.30 235/462.38.ccls. 235/462.30 235/462.38.ccls. 235/462.30 235/462.38.ccls. 235/462.30 235/462.38.ccls. 255/462.30 235/462.38.ccls. 255/462.30 235/462.38.ccls. 255/462.30 255/462.39				l '	
or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) with remov\$4 with (sav\$4 or stor\$4) same (spin\$4) same (for intial reference or start\$4) same (start or initial reference or start\$4) same (or location) - 861 235/462.40.ccls. 235/462.01.ccls. 235/462.36.ccls. 235/462.30 235/462.30 235/462.36.ccls. 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.36.ccls. 235/462.30 235/462.36.ccls. 235/462.30 235/462.30 235/462.36.ccls. 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 2					1
## with remov\$4 with (sav\$4 or read\$4) same (235/\$.ccls. and (scan\$4 or read\$4) same (spin\$4) same (mirror or reflect\$4) same (start or initial reference or start\$4) near4 (position or orientation or setting or location) - 861 235/462.40.ccls. 235/462.01.ccls. 235/462.38.ccls. 235/462.30 225/462.36.ccls. 235/462.30 225/462.36.ccls. 235/462.30 235/462.36.ccls. 235/462.30 235/462.36.ccls. 235/462.30 USPAT; 2004/09/01 15:09 235/462.36.ccls. 235/462.30 USPAT; 235/462.36.ccls. 235/462.30 USPAT; 235/462.36.ccls. 235/462.30 USPAT; 235/462.36.ccls.) and (scan\$4 or read\$4) same (spin\$4 or rotat\$4) same (mirror or reflect\$4) same (spin\$4 or rotat\$4) same (mirror or reflect\$4) same (spin\$4 or rotat\$4) same (mirror or uS-61889-\$ or uS-6454404-\$ or uS-651889-\$ or uS-6454169-\$ or uS-620513-\$) .did. or (US-20040050923-\$ or uS-20020185538-\$ or uS-2002017548-\$) .did 10 ((US-5704163-\$ or US-695211-\$ or uS-6551889-\$ or uS-6454169-\$ or uS-620513-\$) .did. or (US-20040050923-\$ or uS-2020185538-\$ or uS-620513-\$ or uS-6695211-\$ or uS-625189-\$ or uS-6454169-\$ or uS-62513-\$ or uS-6651889-\$ or uS-6454169-\$ or uS-620513-\$ or uS-6347741-\$ or uS-6251889-\$ or uS-6454169-\$ or uS-620513-\$ or uS-620513-\$ or uS-62020117548-\$) .did. or (US-20040050923-\$ or uS-2020185538-\$ or uS-2020117548-\$) .did. or (US-20040050923-\$ or uS-62513-\$ or uS-6347741-\$ or uS-62513-\$ or uS-6347741-\$ or uS-62513-\$ or uS-6695211-\$ or uS-62513-\$ or uS-6454169-\$ or uS-62513-\$ or uS-62347741-\$ or uS-62513-\$ or uS-62347741-	-	271	235/\$.ccls. and card with (memory or chip	1	2004/09/01 11:49
- 14 235/4.ccls. and (scan\$4 or read\$4) same (spin\$4) same (mirror or reflect\$4) same (start or initial reference or start\$4) near4 (position or orientation or setting or location) - 861 235/462.40.ccls. 235/462.01.ccls. 235/462.38.ccls. 235/462.30 235/462.36.ccls. 235/462.30 235/462				-	
(spin\$4) same (mirror or reflect\$4) same (start or initial reference or start\$4) near4 (position or orientation or setting or location) 861 235/462.40.ccls. 235/462.01.ccls. 235/462.38.ccls. 235/462.30 USPAT 2004/09/01 15:07 235/462.38.ccls. 235/462.30 USPAT; 2004/09/01 15:09 235/462.36.ccls. 235/462.30 USPAT; 2004/09/01 15:09 235/462.36.ccls. 235/462.30 USPAT; 2004/09/01 15:09 235/462.36.ccls. 235/462.30 USPAT; 2004/09/01 15:19 235/462.36.ccls. 235/462.30 USPAT; 2004/09/01 15:12 235/462.36.ccls. 235/462.30 USPAT; 2004/09/01 15:12 235/462.36.ccls.) and (scan\$\$4\$ or read\$\$4\$) same (spin\$\$4\$ or rotat\$\$4\$) same (mirror or reflect\$\$4\$) same (position or orient\$\$8\$) with (reference or start\$\$4\$ or initia\$\$5\$) (USPAT; US-5704163-\$ or US-5434404-\$ or US-4236667-\$ or US-665189-\$ or US-665189-\$ or US-20020185539-\$ or US-20020185539-\$ or US-20020185539-\$ or US-20020117543-\$ or US-5434404-\$ or US-20020117543-\$ or US-5072102-\$ or US-20020117543-\$ or US-651889-\$ or US-665189-\$ or US-63437741-\$ or US-65189-\$ or US-63437741-\$ or US-65189-\$ or US-665189-\$ or US-665189-\$ or US-665189-\$ or US-665189-\$ or US-665189-\$ or US-62020117548-\$ or US-20020117543-\$ or US-20040026513-\$ or US-20020117543-\$ or US-620513-\$ or US-63437741-\$ or US-65189-\$ or US-665189-\$ or US-665189-\$ or US-665189-\$ or US-665189-\$ or US-665189-\$ or US-620513-\$ or US-20020117543-\$ or US-20040050923-\$ or US-620513-\$ or US-665189-\$ or US-665189-\$ or US-665189-\$ or US-665189-\$ or US-6040050923-\$ or US-620513-\$ or US-6347741-\$ or US-20040050923-\$ or US-6394351-\$ or US-665189-\$ or US-60518539-\$ or US-60518539-\$ or US-60518539-\$ or US-60518539-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117548-\$ or US-20020117543-\$ or US-20020117548-\$ or US-20020117543-\$ or US-20020117548-\$	1			· ·	
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near4 (position or orientation or setting or location)	ĺ	ŀ		-	-
Or location			· ·	EPO; JPO	
- 861 235/462.40.ccls. 235/462.01.ccls. 235/462.38.ccls. 235/462.30 235/462.38.ccls. 235/462.01.ccls. 235/462.36.ccls. 235/462.01.ccls. 235/462.38.ccls. 235/462.30 235/462.38.ccls. 235/462.30 235/462.38.ccls. 235/462.01.ccls. 235/462.30 235/462.38.ccls. 235/462.01.ccls. 255/462.30 235/462.36.ccls. 235/462.01.ccls. 255/462.01.ccls. 255/462.01.ccls. 255/462.30 255/462.38.ccls. 255/462.01.ccls. 255/462.01.ccls. 255/462.01.ccls. 255/462.30 255/462.30 255/462.36.ccls. 255/462.30 255/462.36.ccls. 255/462.30 255/462.30 255/462.38.ccls. 255/462.30 255/462.30 255/462.38.ccls. 255/462.30 255					į į
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235/462.36.ccls. 235/462.01.ccls. 235/462.40.ccls. 235/462.30 235/462.38.ccls. 235/462.30 235/462.36.ccls. 235/462.30 25/462.36.ccls. 25/462.30 25/462.30 25/462.36.ccls. 25/462.30 25/462.36.ccls. 25/462.30 25/462.36.ccls. 25/462.30 25/462.30 25/462.30 25/462.30 25/462.30 25/462.30 25/462.36.ccls. 25/462.30 25/462.3	-	861		USPAT	2004/09/01 15:07
- 959 235/462.40.ccls. 235/462.01.ccls. 235/462.30 USPAT; US-PGPUB; 2004/09/01 15:09 235/462.36.ccls. 235/462.30 USPAT; US-PGPUB; 2004/09/01 15:12 235/462.36.ccls. 235/462.30 USPAT; US-PGPUB; 2004/09/01 15:12 235/462.36.ccls.) and (scan\$4 or read\$4) same (spin\$\$\\$4\$ or rotat\$\$\\$4\$) same (spin\$\$\\$4\$ or rotat\$\$\\$4\$) same (spin\$\$\\$4\$ or rotat\$\$\\$4\$) same (spin\$\$\\$4\$ or rotat\$\$\\$4\$) same (spin\$\$\\$5\$ or US-5034163-\$\$ or US-5434404-\$\$ or US-64163-\$\$ or US-6454169-\$\$ or US-64163-\$\$ or US-6454169-\$\$ or US-661889-\$\$ or US-6454169-\$\$ or US-6220513-\$\$).did. or (US-20040050923-\$\$ or US-20020117548-\$).did. - 10 ((US-5704163-\$\$ or US-50347741-\$\$ or US-6220513-\$\$).did. or (US-20040050923-\$\$ or US-20020117548-\$).did. - 10 ((US-5704163-\$\$ or US-5072102-\$\$ or US-20020117543-\$\$ or US-20020117543-\$\$ or US-6347741-\$\$ or US-6347741-\$\$ or US-6347741-\$\$ or US-63651889-\$\$ or US-5072102-\$\$ or US-63651889-\$\$ or US-6454169-\$\$ or US-6394351-\$\$ or US-6695211-\$\$ or US-6394351-\$\$ or US-6454169-\$\$ or US-6394351-\$\$ or US-6347741-\$\$ or US-6393451-\$\$ or US-6347741-\$\$ or US-620513-\$\$).did. or (US-20040050923-\$\$ or US-6394351-\$\$ or US-6695211-\$\$ or US-6394351-\$\$ or US-6347741-\$\$ or US-6394351-\$\$ or US-6347741-\$\$ or US-6394351-\$\$ or US-6347741-\$\$ or US-6394351-\$\$ or US-605347741-\$\$ or US-620513-\$\$ or US-20020117543-\$\$ or US-20]
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235/462.36.ccls. 235/462.36.ccls. 235/462.01.ccls. 235/462.30 235/462.38.ccls. 235/462.30 235/462.36.ccls.) and (scan\$4 or read\$4) same (spin\$4 or rotat\$4) same (mirror or reflect\$4) same (position or orient\$8) with (reference or start\$4 or initia\$5) (US-5704163-\$ or US-5434404-\$ or US-4236667-\$ or US-655189-\$ or US-6347741-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117543-\$ or US-651889-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117543-\$ or US-65189-\$ or US-651347404-\$ or US-65189-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117543-\$ or US-65189-\$ or US-665189-\$ or US-6347741-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20020185539-\$	-	939			2004/09/01 15:09
- 20 (235/462.40.ccls. 235/462.01.ccls. 235/462.30					
235/462.38.ccls. 235/462.30 235/462.36.ccls.) and (scan\$4 or read\$4) same (spin\$4 or rotat\$4) same (mirror or reflect\$4) same (position or orient\$8) with (reference or start\$4 or initia\$5) (US-5704163-\$ or US-5334404-\$ or US-6515889-\$ or US-6651889-\$ or US-6695211-\$ or US-6651889-\$ or US-6347741-\$ or US-6220513-\$) .did. or (US-20040050923-\$ or US-20020117548-\$) .did. 10 ((US-5704163-\$ or US-5032102-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117548-\$) .did. ((US-5704163-\$ or US-5434404-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117543-\$ or US-6651889-\$ or US-643469-\$ or US-6651889-\$ or US-665211-\$ or US-62513-\$) .did. or (US-20040050923-\$ or US-6651889-\$ or US-665211-\$ or US-620513-\$) .did. or (US-20040050923-\$ or US-2004002513-\$ or US-6347741-\$ or US-620513-\$) .did. or (US-20040050923-\$ or US-2004002513-\$ or US-20020117543-\$ or US-20020117548-\$) .did.) and ((position	<u>-</u>	20			2004/00/01 15:10
235/462.36.ccls.) and (scan\$4 or read\$4) same (spin\$4 or rotat\$4) same (mirror or reflect\$4) same (position or orient\$8) with (reference or start\$4 or initia\$5) (US-5704163-\$ or US-5434404-\$ or US-5175423-\$ or US-5072102-\$ or US-4236667-\$ or US-6651889-\$ or US-6454169-\$ or US-6394351-\$ or US-6454169-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020117548-\$).did. 10 ((US-5704163-\$ or US-5434404-\$ or US-20020117548-\$) or US-6651889-\$ or US-695211-\$ or US-20020117548-\$) or US-20020117543-\$ or US-20020117548-\$) or US-20020117543-\$ or US-651889-\$ or US-665189-\$ or US-665211-\$ or US-6651889-\$ or US-665211-\$ or US-6651889-\$ or US-6654741-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-6347741-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020117548-\$).did.) and ((position)		20			2004/09/01 15:12
same (spin\$4 or rotat\$4) same (mirror or reflect\$4) same (position or orient\$8)]			
reflect\$4) same (position or orient\$8) with (reference or start\$4 or initia\$5) (US-5704163-\$ or US-5434404-\$ or US-175423-\$ or US-6695211-\$ or US-6651889-\$ or US-6454169-\$ or US-6394351-\$ or US-6347741-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020117548-\$).did. 10 ((US-5704163-\$ or US-5434404-\$ or US-200201175423-\$ or US-200201175423-\$ or US-20020117543-\$ or US-20020117543-\$ or US-6651889-\$ or US-5072102-\$ or US-6651889-\$ or US-6695211-\$ or US-6651889-\$ or US-6347741-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020117548-\$).did.) and ((position)				EFO; UPO]
with (reference or start\$4 or initia\$5) (US-5704163-\$ or US-5434404-\$ or US-5175423-\$ or US-5072102-\$ or US-6651889-\$ or US-6695211-\$ or US-6651889-\$ or US-6454169-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20020117543-\$ or US-20020117548-\$).did. 10 ((US-5704163-\$ or US-5434404-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117548-\$).did. 10 ((US-5704163-\$ or US-5434404-\$ or US-5175423-\$ or US-5072102-\$ or US-6651889-\$ or US-6695211-\$ or US-6651889-\$ or US-6695211-\$ or US-6651889-\$ or US-6454169-\$ or US-6620513-\$).did. or (US-20040050923-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-6220513-\$).did. or (US-2004050923-\$ or US-6220513-\$).did. or (US-2004050923-\$ or US-6220513-\$).did. or (US-2004050923-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117548-\$).did.) and ((position		į i			
- 17 (US-5704163-\$ or US-5434404-\$ or US-5175423-\$ or US-5072102-\$ or US-6651889-\$ or US-6454169-\$ or US-6220513-\$) .did. or (US-20040050923-\$ or US-20020117548-\$) .did 10 ((US-5704163-\$ or US-5434404-\$ or US-20020117543-\$ or US-200201175423-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117548-\$) .did 10 ((US-5704163-\$ or US-5434404-\$ or US-20020117543-\$ or US-65175423-\$ or US-5072102-\$ or US-6651889-\$ or US-6695211-\$ or US-6651889-\$ or US-6454169-\$ or US-6220513-\$) .did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117548-\$) .did.) and ((position)					
US-5175423-\$ or US-5072102-\$ or US-4236667-\$ or US-6695211-\$ or US-6651889-\$ or US-6454169-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020117548-\$).did. - 10 ((US-5704163-\$ or US-5434404-\$ or US-20201175423-\$ or US-5175423-\$ or US-6695211-\$ or US-4236667-\$ or US-6695211-\$ or US-6651889-\$ or US-66347741-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020117543-\$ or US-20020117543-\$ or US-20020117548-\$).did.) and ((position	_	17		HSPAT.	2004/09/01 15:17
US-4236667-\$ or US-6695211-\$ or US-6651889-\$ or US-6454169-\$ or US-6394351-\$ or US-6347741-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020117548-\$).did. 10 ((US-5704163-\$ or US-5434404-\$ or US-5175423-\$ or US-5072102-\$ or US-4236667-\$ or US-6695211-\$ or US-651889-\$ or US-6695211-\$ or US-6651889-\$ or US-6454169-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020117548-\$).did.) and ((position				•	2004/03/01 13:1/
US-6651889-\$ or US-6454169-\$ or US-6394351-\$ or US-6347741-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020117548-\$).did. 10 ((US-5704163-\$ or US-5434404-\$ or US-5175423-\$ or US-5072102-\$ or US-4236667-\$ or US-6651889-\$ or US-6454169-\$ or US-6394351-\$ or US-639437741-\$ or US-6394351-\$ or US-6347741-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020185539-\$ or US-20020117548-\$).did.) and ((position				OD EGEOD	
US-6394351-\$ or US-6347741-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020117548-\$).did. 10 ((US-5704163-\$ or US-5434404-\$ or US-5175423-\$ or US-5072102-\$ or US-4236667-\$ or US-6695211-\$ or US-6651889-\$ or US-6454169-\$ or US-6394351-\$ or US-6347741-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020185539-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020117548-\$).did.) and ((position					
US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020117548-\$).did. 10 ((US-5704163-\$ or US-5434404-\$ or US-5175423-\$ or US-5072102-\$ or US-4236667-\$ or US-6695211-\$ or US-6651889-\$ or US-6454169-\$ or US-6394351-\$ or US-6347741-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020117548-\$).did.) and ((position					
US-20040026513-\$ or US-20020117543-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020117548-\$).did. 10 ((US-5704163-\$ or US-5434404-\$ or US-5175423-\$ or US-5072102-\$ or US-4236667-\$ or US-6695211-\$ or US-6651889-\$ or US-6454169-\$ or US-6394351-\$ or US-6347741-\$ or US-620513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020117548-\$).did.) and ((position		į			
US-20020185539-\$ or US-20020185538-\$ or US-2002017548-\$).did. 10 ((US-5704163-\$ or US-5434404-\$ or US-5175423-\$ or US-5072102-\$ or US-4236667-\$ or US-6695211-\$ or US-6651889-\$ or US-6454169-\$ or US-6394351-\$ or US-6347741-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020117548-\$).did.) and ((position					i l
US-20020117548-\$).did. ((US-5704163-\$ or US-5434404-\$ or US-5175423-\$ or US-5072102-\$ or US-4236667-\$ or US-6695211-\$ or US-6651889-\$ or US-6454169-\$ or US-6394351-\$ or US-6347741-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020117548-\$).did.) and ((position					
- 10 ((US-5704163-\$ or US-5434404-\$ or US-5175423-\$ or US-5072102-\$ or US-4236667-\$ or US-6695211-\$ or US-6651889-\$ or US-6454169-\$ or US-6394351-\$ or US-6347741-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020117548-\$).did.) and ((position					
US-5175423-\$ or US-5072102-\$ or US-4236667-\$ or US-6695211-\$ or US-6651889-\$ or US-6454169-\$ or US-6394351-\$ or US-6347741-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020117548-\$).did.) and ((position	-	10		USPAT:	2004/09/01 15:18
US-4236667-\$ or US-6695211-\$ or US-6651889-\$ or US-6454169-\$ or US-6394351-\$ or US-6347741-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020117548-\$).did.) and ((position	1				
US-6651889-\$ or US-6454169-\$ or US-6394351-\$ or US-6347741-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020117548-\$).did.) and ((position			,		
US-6394351-\$ or US-6347741-\$ or US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020117548-\$).did.) and ((position					
US-6220513-\$).did. or (US-20040050923-\$ or US-20040026513-\$ or US-20020117543-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020117548-\$).did.) and ((position					
US-20040026513-\$ or US-20020117543-\$ or US-20020185539-\$ or US-20020185538-\$ or US-20020117548-\$).did.) and ((position			US-6220513-\$).did. or (US-20040050923-\$ or		
US-20020185539-\$ or US-20020185538-\$ or US-20020117548-\$).did.) and ((position					
US-20020117548-\$).did.) and ((position]				
	[

-	10	((US-5704163-\$ or US-5434404-\$ or	USPAT;	2004/09/01 17:01
		US-5175423-\$ or US-5072102-\$ or	US-PGPUB	
		US-4236667-\$ or US-6695211-\$ or		
		US-6651889-\$ or US-6454169-\$ or US-6394351-\$ or US-6347741-\$ or		
		US-6220513-\$).did. or (US-20040050923-\$ or		
		US-20040026513-\$ or US-20020117543-\$ or		
	İ	US-20020185539-\$ or US-20020185538-\$ or		
		US-20020117548-\$).did.) and ((position		
		with speed) or (time with reference))		
-	1	3901806.pn.	USPAT;	2004/09/01 17:01
		2001006	US-PGPUB	
_	1 52	1	EPO	2004/09/01 17:12
	32	4907003	USPAT; US-PGPUB;	2004/09/01 17:12
		4307701	EPO; JPO	
_	5	("4987683" "5335791" "5398818" "5335790"	USPAT;	2004/09/01 17:13
		"4907701").pn.	US-PGPUB;	
]		EPO; JPO	
-	1	("9504612" "2259898" "2165942"	EPO; JPO	2004/09/01 17:13
		"460849").pn.		0004/05/55
-	747	·	USPAT;	2004/09/01 17:14
		opening) with (tab or protru\$8)	US-PGPUB; EPO; JPO	
-	7	(hanger or hangar) same (aperture or	USPAT;	2004/09/01 17:21
	Í	opening) with (tab or protru\$8) same	US-PGPUB;	
		(identif\$8)	EPO; JPO	
-	671	(hanger or hangar) same (aperture or	USPAT;	2004/09/01 17:24
		opening or indicia or code or "bar code"	US-PGPUB;	
	20	or label) with (integral\$4 or molded)	EPO; JPO	0004/00/04 45 00
-	20	(hanger or hangar) same (aperture or opening or indicia or code or "bar code"	USPAT; US-PGPUB;	2004/09/01 17:28
		or label) with (integral\$4 or molded) same	EPO; JPO	
		clothes	1 210, 010	l i
-	1	(hanger or hangar) same (aperture or	USPAT;	2004/09/01 17:30
		opening or indicia or code or "bar code"	US-PGPUB;	
		or label or tag) with (integral\$4 or	EPO; JPO	
		mold\$4 or ("one-piece" or "one piece"))		
_	848	same clothes same identif\$8 223/85.ccls.	IICDAM.	2004/09/01 18:03
	040	223/03.0013.	USPAT; US-PGPUB;	2004/09/01 18:03
			EPO; JPO	i I
-	17	223/85.ccls. and (RF or radio or code or	USPAT;	2004/09/01 18:04
		barcode or tag or label) with (mold\$4 or	US-PGPUB;	
		integral\$4)	EPO; JPO	
-	58	223/85.ccls. and (aperture or hole or	USPAT;	2004/09/01 18:04
		opening) with (tab or protru\$4 or formation)	US-PGPUB;	
	19	l	EPO; JPO USPAT;	2004/09/01 18:04
		barcode or tag or label or chip) with	US-PGPUB;	2004/03/01 10:04
]		(mold\$4 or integral\$4)	EPO; JPO	
-	77	(223/85.ccls. and (aperture or hole or	USPAT;	2004/09/01 18:10
		opening) with (tab or protru\$4 or	US-PGPUB;	
		formation)) (223/85.ccls. and (RF or radio	EPO; JPO	
		or code or barcode or tag or label or		
_	18	<pre>chip) with (mold\$4 or integral\$4)) hanger same (aperture or hole or opening)</pre>	USPAT;	2004/09/01 18:14
	10	with (identif\$8 or recogniz\$6) same	US-PGPUB;	2004/03/01 18:14
		(cloth\$4 or garment or item or article)	EPO; JPO	
-	12	hanger same (chip or circuit or ic) same	USPAT;	2004/09/01 18:14
		(identif\$8 or recogniz\$6) same (cloth\$4 or	US-PGPUB;	
		garment or item or article)	EPO; JPO	
] -	25	hanger same (chip or circuit or ic or	USPAT;	2004/09/01 18:54
		radio or rf) same (identif\$8 or recogniz\$6) same (cloth\$4 or garment or	US-PGPUB;	
		recogniz\$6) same (cloth\$4 or garment or item or article)	EPO; JPO	
-	66	(340/57\$.ccls. 223/\$.ccls.) and (hanger or	USPAT;	2004/09/01 18:47
		hangar) with (chip or ic or circuit or	US-PGPUB;	====,==,==,==
		label or tag or barcode or code or hole or	EPO; JPO	
	ĺ	opening or aperture) with (identif\$8 or		
		recogniz\$8 or read\$4)		

-	1	5611469.pn.	USPAT; US-PGPUB;	2004/09/01 18:47
-	138	(hangar or hanger) with (chip or circuit or ic or radio or rf or barcode or code or	EPO; JPO USPAT; US-PGPUB;	2004/09/01 18:55
		label or tag or hole or aperture or opening) same (identif\$8 or recogniz\$6) same (cloth\$4 or garment or item or article or object)	EPO; JPO	
-	202	(hangar or hanger) same (chip or circuit or ic or radio or rf or barcode or code or label or tag or hole or aperture or opening) same (identif\$8 or recogniz\$6) same (cloth\$4 or garment or item or article or object)	USPAT; US-PGPUB; EPO; JPO	2004/09/01 19:15
-	4258	(object or article or item) with (mold\$4 or embed\$4) with (code or tag or chip or	USPAT; US-PGPUB;	2004/09/01 19:16
_	602	rf or radio or transponder or ic or label) (object or article or item) with (mold\$4 or embed\$4) with (code or tag or chip or rf or radio or transponder or ic or label) same read\$4	EPO; JPO USPAT; US-PGPUB; EPO; JPO	2004/09/01 19:18
-	6	(hanger or hangar) with (mold\$4 or embed\$4) with (code or tag or chip or rf or radio or transponder or ic or label) same (sort\$4 or read\$4 or identif\$8 or	USPAT; US-PGPUB; EPO; JPO	2004/09/01 19:19
-	20	recogniz\$8) (hanger or hangar) with (mold\$4 or embed\$4) with (aperture or opening or hole) same (sort\$4 or read\$4 or identif\$8 or recogniz\$8)	USPAT; US-PGPUB; EPO; JPO	2004/09/01 19:22
-	253		USPAT; US-PGPUB; EPO; JPO	2004/09/01 19:22
-	128	(hanger or hangar) near5 (barcode or chip or ic or code)	USPAT; US-PGPUB; EPO; JPO	2004/09/01 19:26
-	11	(hanger or hangar) near5 (barcode or chip or ic or code) with information	USPAT; US-PGPUB; EPO; JPO	2004/09/01 19:27
-	37	(hangar or hanger) adj information	USPAT; US-PGPUB; EPO; JPO	2004/09/01 19:27
-	261	(hangar or hanger) near3 (characteristic or information)	USPAT; US-PGPUB; EPO; JPO	2004/09/01 19:29
-	95	((hangar or hanger) near3 (characteristic or information)) and 223/\$.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/09/01 19:27
-	12	(hangar or hanger) near3 (characteristic or information) with (age or use or time)	USPAT; US-PGPUB; EPO; JPO	2004/09/01 19:30
-	48	<pre>(hangar or hanger) near3 (characteristic or information) with (age or use or time or size or sort\$4)</pre>	USPAT; US-PGPUB; EPO; JPO	2004/09/01 19:30
-	681 38	223/85.ccls. and "hanger use" or "hanger information"	USPAT USPAT; US-PGPUB; EPO; JPO	2004/09/02 10:03 2004/09/02 10:14
_	591	(tab or protrusion or formation) with (aperture or hole or opening) with (identif\$8 or recogniz8)	USPAT; US-PGPUB; EPO; JPO	2004/09/02 10:15
-	281	(tab or protrusion or formation) near4 (aperture or hole or opening) with (identif\$8 or recogniz8)	USPAT; US-PGPUB; EPO; JPO	2004/09/02 10:21
-	26	(tab or protrusion or formation) near4 (aperture or hole or opening) with (identif\$8 or recogniz8) with (information	USPAT; US-PGPUB; EPO; JPO	2004/09/02 10:24
-	288	or characteristic) ETCH\$4 with (barcode or "bar code")	USPAT; US-PGPUB; EPO	2004/09/02 11:15

_	186	40/322.ccls.	USPAT; US-PGPUB;	2004/09/02 11:23
	186	40/322.ccls.	EPO USPAT; US-PGPUB;	2004/09/02 14:15
-	2	6000555.pn. 5555983.pn.	EPO; JPO USPAT; US-PGPUB;	2004/09/02 14:21
-	2	6000555.pn. 5555983.pn. and reject\$4	EPO; JPO USPAT; US-PGPUB;	2004/09/02 14:21
-	2	(6000555.pn. 5555983.pn.) and reject\$4	EPO; JPO USPAT; US-PGPUB;	2004/09/02 15:44
-	60	or ic or storage or RAM or ROM) with	EPO; JPO USPAT; US-PGPUB;	2004/09/02 16:09
		<pre>(embed\$4 or encapsulat\$4 or mold\$4 or integral\$4) with (mov\$4 or transport\$4 or expos\$4 or reveal\$4)</pre>	EPO; JPO	
-	78	("1756547" "3838252" "3864755" "4058839" "4100689" "4209811" "5302523" "4403138" "4518627" "4581523" "4592042" "4659915" "4672182" "4683371" "4707593" "4718697" "4731645" "4754128" "4756967" "4812633" "4826772" "4868373" "4889755" "4897533"	USPAT; US-PGPUB; EPO; JPO	2004/09/02 16:35
		"4998009" "5099111" "5107099" "5172282" "5206494" "5227212" "5236791" "5492754" "5626970" "5696369" "5756220" "5801368" "5928759" "5939202" "5979774" "5997042"		
		"6080476" "6116655" "6186398" "6196047" "6221508" "6238809" "6268919" "6301068" "6311893" "6378037" d264853 d29694 d305887 d328457 d410769 d425876 d429733 d436991		
		d447146 d448776 "5041922" "5055155" "5101097" "5147732" "5180640" "5191198" "5204513" "5206489" "2505523" "5217056" "5221838" "5254843" "5270523" "5286958"		
	504	"5288942" "5880454" "5621583" "5739975").pn.		
-	594	235/\$.ccls. and card with (memory or storage or chip) with remov\$4	USPAT; US-PGPUB; EPO; JPO	2004/09/02 16:50
-	359	235/\$.ccls. and card with (memory or storage or chip) near4 remov\$4	USPAT; US-PGPUB; EPO; JPO	2004/09/02 16:55
-	1	235/\$.ccls. and card with (memory or storage or chip) near4 remov\$4 with (mov\$4 or slid\$4) with relative	USPAT; US-PGPUB; EPO; JPO	2004/09/02 16:56
-	19	235/\$.ccls. and card with (memory or storage or chip) near4 remov\$4 with (mov\$4 or slid\$4)	USPAT; US-PGPUB; EPO; JPO	2004/09/02 17:00
-	29	235/\$.ccls. and card with (memory or storage or chip or ic) adj (replac\$4 or remov\$4 or swap\$5)	USPAT; US-PGPUB;	2004/09/02 17:01
-	1265	card with expos\$4 with (memory or chip or ic)	EPO; JPO USPAT; US-PGPUB; EPO; JPO	2004/09/02 17:26
-	461	card with expos\$4 near3 (memory or chip or ic)	USPAT; US-PGPUB;	2004/09/02 17:26
-	66	card with expos\$4 near3 (memory or chip or ic) with read\$4	EPO; JPO USPAT; US-PGPUB;	2004/09/02 17:42
-	92	card with expos\$4 near2 (memory or chip or ic or contact) with read\$4	EPO; JPO USPAT; US-PGPUB;	2004/09/02 17:52
-	73	card with expos\$4 with embed\$4 with (chip or ic or memory)	EPO; JPO USPAT; US-PGPUB;	2004/09/02 18:30
L	L		EPO; JPO	

-	129	235/\$.ccls. and card near3 cover\$4 with protect\$4	USPAT; US-PGPUB;	2004/09/02 18:30
-	2998	(card) with (interchang\$4 or replac\$4 or switch\$4) near3 (module or chip or ic or	EPO; JPO USPAT; US-PGPUB;	2004/09/02 18:51
-	436	storage or memory) 235/\$.ccls. and ((card) with (interchang\$4 or replac\$4 or switch\$4) near3 (module or	EPO; JPO USPAT; US-PGPUB;	2004/09/02 18:53
-	170	chip or ic or storage or memory)) 235/492.ccls. and ((card) with (interchang\$4 or replac\$4 or switch\$4)	EPO; JPO USPAT; US-PGPUB;	2004/09/02 19:01
_	49		EPO; JPO USPAT;	2004/09/02 19:03
		switch\$4 or replac\$4 or transport\$4 or mov\$4) near3 (module or memory or chip or ic or storage) with (relative or respect)	US-PGPUB; EPO; JPO	
-	1091	235/\$.ccls. and card with (remov\$4 or switch\$4 or replac\$4 or transport\$4 or mov\$4) near3 (module or memory or chip or	USPAT; US-PGPUB; EPO; JPO	2004/09/02 19:04
-	2	ic or storage) 235/\$.ccls. and card with (cover\$4 or hold\$4) with clamshell	USPAT; US-PGPUB;	2004/09/02 19:05
-	4	235/\$.ccls. and card with (cover\$4 or hold\$4 or protect\$4 or carry\$4 or case) with clamshell	EPO; JPO USPAT; US-PGPUB;	2004/09/02 19:05
_	573		EPO; JPO USPAT; US-PGPUB; EPO; JPO	2004/09/02 19:06
_	372		USPAT; US-PGPUB; EPO; JPO	2004/09/02 19:06
-	9		USPAT; US-PGPUB; EPO; JPO	2004/09/02 19:44
-	13	235/\$.ccls. and (cover\$4 or case) near3 card with hing\$4	USPAT; US-PGPUB; EPO; JPO	2004/09/02 19:46
-	310	235/\$.ccls. and (cover\$4 or case or protect\$4) near3 card with (hing\$4 or pivot\$4 or rotat\$4 or slid\$4 or open\$4)	USPAT; US-PGPUB; EPO; JPO	2004/09/02 19:57
-	9715	(card and case).ab.	USPAT; US-PGPUB; EPO; JPO	2004/09/02 19:57
-	245	(card and case).ab. and pivot\$4	USPAT; US-PGPUB; EPO; JPO	2004/09/03 10:24
-	107	<pre>carry.ab.) and (card near2 (smart or ic or chip))</pre>	USPAT; US-PGPUB; EPO; JPO	2004/09/03 10:27
-		"credit card carrying case"	USPAT; US-PGPUB; EPO; JPO	2004/09/03 10:28
-		"credit card" near3 (carry\$4 or case) with hing\$4	USPAT; US-PGPUB; EPO; JPO	2004/09/03 10:31
-	2		USPAT; US-PGPUB; EPO; JPO	2004/09/03 10:31
_	6	("4006507" "5638345" "5689105" "5808981" "6430114" "6677105").pn.	USPAT; US-PGPUB; EPO; JPO	2004/09/07 08:09
_		235/\$.ccls. and (card with magnet\$7 with (arc or ring))	USPAT; US-PGPUB; EPO; JPO	2004/09/07 08:25
-		235/\$.ccls. and card same magnetic same density same coercivity	USPAT; US-PGPUB; EPO; JPO	2004/09/07 09:29
_	4	card same magnetic same (high near4 density) same (high near4 coercivity)	USPAT; US-PGPUB; EPO; JPO	2004/09/07 09:35

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-	0	card same magnetic same coating with (abradable or abradeable)	USPAT; US-PGPUB;	2004/09/07 09:35
-	0	card same magnetic same (abradable or abradeable)	EPO; JPO USPAT; US-PGPUB;	2004/09/07 09:36
-	26	magnetic same (abradable or abradeable)	EPO; JPO USPAT; US-PGPUB;	2004/09/07 09:36
-	56	magnetic same (card) same protect\$4 near3 coating	EPO; JPO USPAT; US-PGPUB;	2004/09/07 09:38
-	4	magnetic same (card) same protect\$4 near3 coating with (strip or stripe)	EPO; JPO USPAT; US-PGPUB;	2004/09/07 09:38
-	78	card same magnetic same (film) with "magnetic field"	EPO; JPO USPAT; US-PGPUB;	2004/09/07 09:58
-	14	235/\$.ccls. and card same magnetic same (film) with "magnetic field"	EPO; JPO USPAT; US-PGPUB;	2004/09/07 10:03
-	8	235/\$.ccls. and card same "magnetic field" near3 orient\$7	EPO; JPO USPAT; US-PGPUB;	2004/09/07 10:04
-	53	card same "magnetic field" near3 orient\$7	EPO; JPO USPAT; US-PGPUB;	2004/09/07 10:05
-	24	card with "magnetic field" near3 orient\$7	EPO; JPO USPAT; US-PGPUB;	2004/09/07 10:06
-	24	magnetic near2 strip\$1 with "thin film" same card	EPO; JPO USPAT; US-PGPUB;	2004/09/07 10:37
-	676	card same read\$4 with transducer same magnet\$4	EPO; JPO USPAT; US-PGPUB;	2004/09/07 10:37
-	15	card same read\$4 with transducer same magnetic\$5 same ("thin film" or induct\$4)	EPO; JPO USPAT; US-PGPUB; EPO; JPO	2004/09/07 10:44
-	1	card same magnetic near2 (strip or stripe) same read\$4 same transducer with induct\$5	USPAT; US-PGPUB; EPO; JPO	2004/09/07 10:45
-	1	4423451.pn.	USPAT; US-PGPUB; EPO; JPO	2004/09/07 11:00
-	13	"thin film" same magnetic same transducer same card same read\$4	USPAT; US-PGPUB; EPO; JPO	2004/09/07 11:03
-	188	magnetic near3 strip\$1 same transducer same read\$4	USPAT; US-PGPUB; EPO; JPO	2004/09/07 11:05
_	4	magnetic near3 strip\$1 same "inductive read head" same card	USPAT; US-PGPUB; EPO; JPO	2004/09/07 11:06
_	6	magnetic same "inductive read head" same card	USPAT; US-PGPUB; EPO; JPO	2004/09/07 11:33
-	14	card same "magnetic field" with (perpendicular\$4 or parallel or acute) with (read\$4 or station)	USPAT; US-PGPUB; EPO; JPO	2004/09/07 11:38
_	53	card same "magnetic field" near3 (perpendicular\$4 or parallel or acute)	USPAT; US-PGPUB; EPO; JPO	2004/09/07 11:52
_	2	card same "magnetic field" near3 (perpendicular\$4 or parallel or acute) with (reader or processor or station)	USPAT; US-PGPUB; EPO; JPO	2004/09/07 11:54
_	28	card with "magnetic field" near3 (perpendicular\$4 or parallel or acute)	USPAT; US-PGPUB; EPO; JPO	2004/09/07 12:05
_	10	("4891254" "6557758" "6176434" "5962834" "6746053" "6330696" "20020066757" "5913462" "5381938" "5419439").pn.	USPAT; US-PGPUB; EPO; JPO	2004/09/07 12:05
			2.0, 0.0	

-	10	("4891254" "6557758" "6176434" "5962834"	USPAT;	2004/09/07 12:20
		"6746053" "6330969" "20020066757"	US-PGPUB;	
]	"5913462" "5381938" "5419439").pn.	EPO; JPO	
 -	32	235/\$.ccls. and card same magnetic with	USPAT;	2004/09/07 13:50
		(isotropic or anisotropic or platinum or	US-PGPUB;	
		alloy)	EPO; JPO	